

Appendix Y

Y. Sector Y -Rubber, Miscellaneous Plastic Products and Miscellaneous Manufacturing Industries

1. Covered Stormwater Discharges. The requirements in Part VI for Sector Y apply to stormwater discharges associated with industrial activity from Rubber, Miscellaneous Plastic Products and Miscellaneous Manufacturing Industries facilities as identified by the SIC Codes specified below.

SECTOR Y: RUBBER, MISCELLANEOUS PLASTIC PRODUCTS, AND MISCELLANEOUS MANUFACTURING INDUSTRIES	
3011	Tires and Inner Tubes
3021	Rubber and Plastics Footwear
3052, 3053	Gaskets, Packing, and Sealing Devices and Rubber and Plastic Hose and Belting
3061, 3069	Fabricated Rubber Products, Not Elsewhere Classified
3081-3089	Miscellaneous Plastics Products
3931	Musical Instruments
3942-3949	Dolls, Toys, Games and Sporting and Athletic Goods
3951-3955 (except 3952 facilities as specified in Sector C)	Pens, Pencils, and Other Artist's Materials
3961, 3965	Costume Jewelry, Costume Novelties, Buttons, and Miscellaneous Notions, Except Precious Metal
3991-3999	Miscellaneous Manufacturing Industries

2. Stormwater Pollution Prevention Plan (SWPPP) Requirements. In addition to the following requirements, the permittee must also comply with the requirements listed in Part IV.
 - a. *Potential Pollutant Sources.* (See also Part IV(F)(4)) Review the use of zinc at the facility and the possible pathways through which zinc may be discharged in stormwater runoff.
 - b. *Controls for Rubber Manufacturers.* (See also Part IV(F)(7)) Describe and implement specific controls to minimize the discharge of zinc in the stormwater discharges. Parts VI(Y)(2)(b)(1) to VI(Y)(2)(b)(5) give possible sources of zinc to be reviewed and list some specific BMPs to be considered for implementation (or their equivalents). Some general BMP options to consider: using chemicals which are purchased in pre-weighed, sealed polyethylene bags; storing materials which are in use in sealable containers; ensuring an airspace between the container and the cover to minimize “puffing” losses when the container is opened; and using automatic dispensing and weighing equipment.

- c. Inadequate Housekeeping. Review the handling and storage of zinc bags at the facility. BMP options: employee training on the handling / storage of zinc bags; indoor storage of zinc bags; cleanup zinc spills without washing the zinc into the storm drain, and the use of 2,500-pound sacks of zinc rather than 50- to 100-pound sacks;
- d. Dumpsters. Reduce discharges of zinc from dumpsters. BMP options: covering the dumpster; moving the dumpster indoors; or provide a lining for the dumpster.
- e. Malfunctioning Dust Collectors or Baghouses: Review dust collectors / baghouses as possible sources of zinc in stormwater runoff. Replace or repair, as appropriate, improperly operating dust collectors / baghouses
- f. *Grinding Operations.* Review dust generation from rubber grinding operations and, as appropriate, install a dust collection system.
- g. Zinc Stearate Coating Operations. Detail appropriate measures to prevent or clean up drips / spills of zinc stearate slurry that may be released to the storm drain. BMP option: using alternate compounds to zinc stearate.

Controls for Plastic Products Manufacturers. Describe and implement specific controls to minimize the discharge of plastic resin pellets in the stormwater discharges. BMPs to be considered for implementation (or their equivalents): minimizing spills; cleaning up of spills promptly and thoroughly; sweeping thoroughly; pellet capturing; employee education and disposal precautions.